

# RAW SEQUENCE LISTING

EFS

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/707,147A  
Source: 1FW16  
Date Processed by STIC: 11/20/06

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 11/20/2006

PATENT APPLICATION: US/10/707,147A

TIME: 13:59:08

Input Set : N:\efs\10707147a\_efs\ReplacementSeqList.txt

Output Set: N:\CRF4\11202006\J707147A.raw

3 <110> APPLICANT: ROSETTA GENOMICS LTD  
 4 Itzhak Bentwich  
 6 <120> TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES  
 AND  
 7 USES THEREOF  
 9 <130> FILE REFERENCE: Efs-13  
 11 <140> CURRENT APPLICATION NUMBER: 10/707,147A  
 C--> 12 <141> CURRENT FILING DATE: 2003-11-24  
 14 <160> NUMBER OF SEQ ID NOS: 20216  
 15 <170> SOFTWARE: PatentIn version 2.3  
 18 <210> SEQ ID NO: 1  
 19 <211> LENGTH: 79  
 20 <212> TYPE: DNA  
 21 <213> ORGANISM: Homo sapiens  
 23 <400> SEQUENCE: 1  
 24 gttttgacca cttccaccta tgaaaattat ctgaacatta ttcagattta agagtccatg 60  
 26 ggagcaggtg gtacagaac 79  
 29 <210> SEQ ID NO: 2  
 30 <211> LENGTH: 112  
 31 <212> TYPE: DNA  
 32 <213> ORGANISM: Homo sapiens  
 34 <400> SEQUENCE: 2  
 35 tccagtttta tctgactga ttcttttctg ttgtcctttg ttttctttct cctcttctag 60  
 37 atctctaaat gatctttggg ggtgggagtg agagaacgac gtcagtctg ga 112  
 40 <210> SEQ ID NO: 3  
 41 <211> LENGTH: 94  
 42 <212> TYPE: DNA  
 43 <213> ORGANISM: Homo sapiens  
 45 <400> SEQUENCE: 3  
 46 tcagccttgg tcatctgcca tggagcgctt tctcagaact gtaggacata gaactgtgca 60  
 48 caggaacagc ttccagagcc gaaaaccagg ttga 94  
 51 <210> SEQ ID NO: 4  
 52 <211> LENGTH: 78  
 53 <212> TYPE: DNA  
 54 <213> ORGANISM: Homo sapiens  
 56 <400> SEQUENCE: 4  
 57 gtaatggcat aagaatactg acttattctc gtttagaaaag ccctctggca gaatacaagt 60  
 59 catttcaatt tccgttac 78  
 62 <210> SEQ ID NO: 5  
 63 <211> LENGTH: 92  
 64 <212> TYPE: DNA  
 65 <213> ORGANISM: Homo sapiens  
 67 <400> SEQUENCE: 5  
 68 actggaaatc actgccattt ccaggagatc acctatccta gttttgagga atagtcattg 60

*see p. 6*

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70 aggtgggttt ccttaatggc atctcttcta gt 92
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 92
75 <212> TYPE: DNA
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 6
79 ctqgaatgt attccatttc aagaaagtac gactatcagc agccacaaag ccaagctgac 60
81 agtgtgcaac tctcattgga atgaaacctc ag 92
84 <210> SEQ ID NO: 7
85 <211> LENGTH: 108
86 <212> TYPE: DNA
87 <213> ORGANISM: Homo sapiens
89 <400> SEQUENCE: 7
90 tttgtgaaga tgattgggaa atcaaataag taaaaacgct gggtcaaaac tttaaaaatt 60
92 ttggctactt taagggtttt ctttgccctt ttcagctctgc ttacaag 108
95 <210> SEQ ID NO: 8
96 <211> LENGTH: 86
97 <212> TYPE: DNA
98 <213> ORGANISM: Homo sapiens
100 <400> SEQUENCE: 8
101 tctcttacac aggtcgaccg atttctcctg gtgttcagag tctgtttttg tctagcacca 60
103 tttgaaatcg gttatgatgt aggggg 86
106 <210> SEQ ID NO: 9
107 <211> LENGTH: 72
108 <212> TYPE: DNA
109 <213> ORGANISM: Homo sapiens
111 <400> SEQUENCE: 9
112 gaagttccag gctgtagtgc actatgatga tcgtacgtat gaacagccat tgcactccag 60
114 cctgggcaat tc 72
117 <210> SEQ ID NO: 10
118 <211> LENGTH: 82
119 <212> TYPE: DNA
120 <213> ORGANISM: Homo sapiens
122 <400> SEQUENCE: 10
123 ggtgcacgca tgtaatccca gctactcagg aggtcgaggc aggggaatcg cctgaacctg 60
125 ggagggcgag gttgcggtga cc 82
128 <210> SEQ ID NO: 11
129 <211> LENGTH: 79
130 <212> TYPE: DNA
131 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 11
134 gtgagatgtg ttccaggaag tcgtcttgag caccattgc tcagagtta tattggactt 60
136 gctttctagc acataccac 79
139 <210> SEQ ID NO: 12
140 <211> LENGTH: 92
141 <212> TYPE: DNA
142 <213> ORGANISM: Homo sapiens
144 <400> SEQUENCE: 12
145 aattcctgcc agaatgcgca cagaacataa gtcagccaag tgtgtcgtgc cagggatact 60

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147 ttgacttttg tttgctgctg ctgctagggg tt 92
150 <210> SEQ ID NO: 13
151 <211> LENGTH: 90
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153 <213> ORGANISM: Homo sapiens
155 <400> SEQUENCE: 13
156 ggctaaattt attttcttgt gtgtgcttag caagataatt tctctattct ttgacagtat 60
158 tgtctcaggc acctgaatca gacctagcc 90
161 <210> SEQ ID NO: 14
162 <211> LENGTH: 65
163 <212> TYPE: DNA
164 <213> ORGANISM: Homo sapiens
166 <400> SEQUENCE: 14
167 tgtgcatttt cagcaacttg ccaagtataa ttttctgat aaaggctggg ctgctgatat 60
169 gtata 65
172 <210> SEQ ID NO: 15
173 <211> LENGTH: 81
174 <212> TYPE: DNA
175 <213> ORGANISM: Homo sapiens
177 <400> SEQUENCE: 15
178 gtgccatcag tcaggtacca cttaaaggat gtacaggcga cttctagata tctgttgaga 60
180 gcctggtaag gggtgaaaca c 81
183 <210> SEQ ID NO: 16
184 <211> LENGTH: 64
185 <212> TYPE: DNA
186 <213> ORGANISM: Homo sapiens
188 <400> SEQUENCE: 16
189 tcccgtggag gctcgcgccg acggcgccgg ggacgagact gccgagcgga cggaggctcc 60
191 ggga 64
194 <210> SEQ ID NO: 17
195 <211> LENGTH: 65
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens
199 <400> SEQUENCE: 17
200 caggtgttcc gggccccttc acctggggct caagtgagag caggtgttct gggccccttc 60
202 acctg 65
205 <210> SEQ ID NO: 18
206 <211> LENGTH: 78
207 <212> TYPE: DNA
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 18
211 gggaaatttg cttttaccac tgaagattat gacatgtttg aagtgtgttt tgagagcaag 60
213 ggaacagggc ggatacct 78
216 <210> SEQ ID NO: 19
217 <211> LENGTH: 110
218 <212> TYPE: DNA
219 <213> ORGANISM: Homo sapiens
221 <400> SEQUENCE: 19
222 ctctttgaga tgactgggtat tgaatggagc agtctttgaa aggcaccaac ccttcctaac 60

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Output Set: N:\CRF4\11202006\J707147A.raw

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224 tgatggtggt ctcttgaaag aggcctcttc aaatttgtct tctgaaagtg      110
227 <210> SEQ ID NO: 20
228 <211> LENGTH: 60
229 <212> TYPE: DNA
230 <213> ORGANISM: Homo sapiens
232 <400> SEQUENCE: 20
233 gccatcacgc cacagtttcc cggagggggcc atccacagtc ttatgggtgc cagtgatggc      60
236 <210> SEQ ID NO: 21
237 <211> LENGTH: 65
238 <212> TYPE: DNA
239 <213> ORGANISM: Homo sapiens
241 <400> SEQUENCE: 21
242 ggaagccatg aagcagtcct cttgccgtga atggggtaaa tatggactgc gcattcatgg      60
244 gttcc      65
247 <210> SEQ ID NO: 22
248 <211> LENGTH: 76
249 <212> TYPE: DNA
250 <213> ORGANISM: Homo sapiens
252 <400> SEQUENCE: 22
253 cagtgggaag gggggccgat acactgtacg agagtgagta gcaggtctca cagtgaaccg      60
255 gtctctttcc ctactg      76
258 <210> SEQ ID NO: 23
259 <211> LENGTH: 73
260 <212> TYPE: DNA
261 <213> ORGANISM: Homo sapiens
263 <400> SEQUENCE: 23
264 gcttcattca tggtgtgtt tgagataact aaagtaaatt ttttttcagg tatttggtgt      60
266 catgttttgg agt      73
269 <210> SEQ ID NO: 24
270 <211> LENGTH: 92
271 <212> TYPE: DNA
272 <213> ORGANISM: Homo sapiens
274 <400> SEQUENCE: 24
275 ggaggatcgc ttgagcccag gaggcggagg ttgcagtgag ctgagatggc accacttatt      60
277 gcactccagc ccgggcgaca gagcgagact cc      92
280 <210> SEQ ID NO: 25
281 <211> LENGTH: 63
282 <212> TYPE: DNA
283 <213> ORGANISM: Homo sapiens
285 <400> SEQUENCE: 25
286 acaagtcttg ggaagtccat ctgactctct gaaacagttt gtctctgacc tcccaggaag      60
288 tgt      63
291 <210> SEQ ID NO: 26
292 <211> LENGTH: 80
293 <212> TYPE: DNA
294 <213> ORGANISM: Homo sapiens
296 <400> SEQUENCE: 26
297 ggggtcaagct gaaaaggcaa ggtttcttca actggcttga gagctatgag gtaggctgtt      60
299 tccttctttc gctttgtccc      80

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TIME: 13:59:08

Input Set : N:\efs\10707147a\_efs\ReplacementSeqList.txt

Output Set: N:\CRF4\11202006\J707147A.raw

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302 <210> SEQ ID NO: 27
303 <211> LENGTH: 92
304 <212> TYPE: DNA
305 <213> ORGANISM: Homo sapiens
307 <400> SEQUENCE: 27
308 gtatgcacag acagagttgg gacatgggac atatcttcag ggcttgga ctgaagccac 60
310 ctatgacgca gccacgcagg agtttgtgat ac 92
313 <210> SEQ ID NO: 28
314 <211> LENGTH: 110
315 <212> TYPE: DNA
316 <213> ORGANISM: Homo sapiens
318 <400> SEQUENCE: 28
319 tgaaccagct tctcagctct actgtgtttg accctgtgtt caaggttagg ggaattatag 60
321 tttcccaggt ctccatcgtg ggggtaatca gaggggcaga gaaggcttca 110
324 <210> SEQ ID NO: 29
325 <211> LENGTH: 93
326 <212> TYPE: DNA
327 <213> ORGANISM: Homo sapiens
329 <400> SEQUENCE: 29
330 gcatgtgtc ctgcggcgtg ggggtttgta gacttgga accctgttgg cagaaagtta 60
332 agagctccca ggctgaagg caggacacag tgc 93
335 <210> SEQ ID NO: 30
336 <211> LENGTH: 73
337 <212> TYPE: DNA
338 <213> ORGANISM: Homo sapiens
340 <400> SEQUENCE: 30
341 cgacctcggg tccacgtgtc ccgttactcg ccggccggag cctccggctt cccggggccc 60
343 ggggacctta gcg 73
346 <210> SEQ ID NO: 31
347 <211> LENGTH: 99
348 <212> TYPE: DNA
349 <213> ORGANISM: Homo sapiens
351 <400> SEQUENCE: 31
352 attgtgattt ccttcgttgg agctgtgagc agcagcacat tggcccta cctgccacct 60
354 ttggttgaaa ttcttacatt ttcgaaggaa cattataat 99
357 <210> SEQ ID NO: 32
358 <211> LENGTH: 82
359 <212> TYPE: DNA
360 <213> ORGANISM: Homo sapiens
362 <400> SEQUENCE: 32
363 ggacgaggag atgaaccgca tgcattgagag catgaagcta ttcgatagca tctgcaacaa 60
365 caagtgggtt acagacacgt cc 82
368 <210> SEQ ID NO: 33
369 <211> LENGTH: 77
370 <212> TYPE: DNA
371 <213> ORGANISM: Homo sapiens
373 <400> SEQUENCE: 33
374 tctgtgtctt caacaacagt gacttgctct ccaatggtat ccagtgattc gttgaagagg 60
376 agtgctctg tagcaga 77

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 11/20/2006  
PATENT APPLICATION: US/10/707,147A      TIME: 13:59:09

Input Set : N:\efs\10707147a\_efs\ReplacementSeqList.txt  
Output Set: N:\CRF4\11202006\J707147A.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13415; N Pos. 31

Seq#:20205; N Pos. 33,37,38,42,43,47,48,50

Seq#:20207; N Pos. 3,4,8,9

VERIFICATION SUMMARY

DATE: 11/20/2006

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Input Set : N:\efs\10707147a\_efs\ReplacementSeqList.txt

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:121153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13415 after pos.:0

L:182331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20205 after pos.:0

L:182359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20207 after pos.:0